

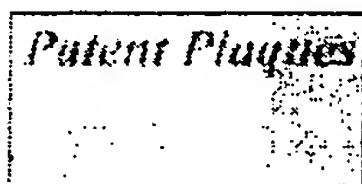
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JP3097439A2: ENDOSCOPE DEVICE FOR FLUORESCENT OBSERVATION

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Kind:

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 News, Profiles, Stocks and More about this company

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IPC Class: **A61B 5/00; A61B 1/00;**

Abstract: **Purpose:** To provide possibility of observing the time series variation of information due to fluorescence and accomplish a device concerned in a small size by obtaining information due to fluorescence emitted from a fluorescent agent together with normal observation.

Constitution: The normal observation light from a light source 31 is cast on No.1 rotary filter 33, and this light and the exciting light included in the light are allowed to penetrate one after another. These two types of lights are cast on an object to be inspected, and the reflex beam of the normal observation light is cast on No.2 rotary filter 21 while the exciting light excites the fluorescent substance of the object inspected, the generated fluorescent light being incident to the No.2 rotary filter. This No.2 rotary filter is driven by a control unit 4 in synchronization with the No.1 rotary filter. and when the No.1 rotary filter is penetrated by the normal observation light, the reflex beam of the normal observation light at the object is allowed to pass, and in case the No.1 rotary filter is penetrated by the exciting light, the fluorescent light will pass. These normal observation light and fluorescent light having passed the No.2 rotary filter one after another are photographed by a solid

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